(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 8 July 2004 (08.07.2004)

PCT

(10) International Publication Number WO 2004/057496 A3

(51) International Patent Classification7:

G06F 17/30

(21) International Application Number:

PCT/IB2003/005601

(22) International Filing Date: 3 December 2003 (03.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 02102829.5

19 December 2002 (19.12.2002)

(71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).

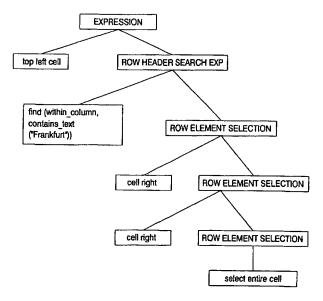
- (71) Applicant (for all designated States except DE, US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): KELLNER, Andreas [DE/DE]; c/o Philips Intellectual Property &

Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). KNEISSLER, Jan [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). SCHOLL, Holger, R. [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). THELEN, Eric [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

- (74) Agent: MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR READING DATA



(57) Abstract: A system and a method are described for reading data from a document and a method of detecting data. To read data which are present in volatile (i.e. time-variable) and weakly structured documents (e.g. HTML pages), a system with a computer having indicator and input means for operation by a user is proposed. The computer can access at least one document. The computer runs a program by which at least one first input by the user is processed with which a data range of the document to be read is fixed. The program automatically creates an extract instruction for reading the fixed data range. The extract instruction can, for example, be stored. When executing the extract instruction, the fixed data range of the document is read. This can be iterated with time intervals.

WO 2004/057496 A3



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report: 27 January 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

		_	TOT /TD 00 /0500
A CLASS	IFICATION OF SUBJECT MATTER		CT/IB 03/05601
IPC 7	G06F17/30		
		•	•
According	to International Patent Classification (IPC) or to both national classif		
B .	S SEARCHED	ication and IPC	
	ocumentation searched (classification system followed by classification	ation symbols)	
IPC 7	G06F		
Documenta	ation searched other than minimum documentation to the extent that	such documents are include	d in the fields searched
Electronic	data base consulted during the international search (name of data b	asso and whore practice) as	
1	ternal, WPI Data, PAJ, IBM-TDB, INS		architems used)
-10 111	iterial, wit bata, FAU, IDM-100, INS	orec	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the re	elevant passages	Relevant to claim No.
			
Χ	US 6 285 996 B1 (LEE DANIEL TSUN	FANG ET	1-4,7-10
Α	AL) 4 September 2001 (2001-09-04)		
^	column 3, line 5 - column 10, li	ne /	5,6
X	US 5 133 067 A (HARA TOSHITAKA	ET AL)	1-4,7-10
	21 July 1992 (1992-07-21)	·	1 1,7 10
Α	column 1, line 45 - column 1, li	ne 63	5,6
А	column 2, line 13 - column 3, li	column 2, line 13 - column 3, line 62	
Α	WO 95/34039 A (HITACHI LTD)		1–10
	14 December 1995 (1995-12-14)		1 10
	abstract		
Α	WO 99/39466 A (KWOH DANIEL S ; T	CO VENTN	1 10
^	(US); LI KENNETH (US))	20 KEVIN	1-10
	5 August 1999 (1999-08-05)		
	cited in the application		1
	abstract		
		-/	
			
X Furth	ner documents are listed in the continuation of box C.	χ Patent family mem	bers are listed in annex.
° Species	்ஷாies of cited documents :	*T* later document publishe	d after the international filing date
"A" docume	ant defining the general state of the art which is not	or priority date and not	in conflict with the application but principle or theory underlying the
"E" earlier d	ered to be of particular relevance locument but published on or after the international	Invention	
L' nogurae:	ere 연화하다 'may throw doubts on priority' claim(s) or	cannot be considered i	elevance; the claimed invention novel or cannot be considered to
Zanita .	sablish the publication date of another specified)	"Y" document of particular r	ep when the document is taken alone elevance; the claimed invention
'O' docume other n	int referring to an oral disclosure, use, exhibition or	document is combined	o involve an inventive step when the with one or more other such docu-
"P" docume	nt published prior to the international filing date but an the priority date claimed	in the art.	on being obvious to a person skilled
	arrule priority date cialmed actual completion of the international search	*&* document member of th	
24.0 VI III 6	sompletion of the international search	Date of mailing of the in	ternational search report
<u>-</u>	©cĕ#ber 2004	10/12/2004	
Name and m	ailing address of the ISA		
	European Patent Office, P.B. 5818 Patentiaan 2	Authorized officer	
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,	Rowlen A	
	Fax: (+31-70) 340-3016	Bowler, A	

INTERNATIONAL SEARCH REPORT

International Application No
TUT/IB 03/05601

C.(Continu	uation) DOCUMENTS CONSIDERED TO BE RELEVANT							
Category °		Relevant to claim No.						
A	US 2001/032205 A1 (KUBAITIS EDWARD CLIFFORD) 18 October 2001 (2001-10-18) page 2, paragraph 23 - page 7, paragraph 125	1-10						
A	US 5 367 677 A (STANFILL CRAIG W) 22 November 1994 (1994-11-22) column 2, line 41 - column 3, line 29	1-10						
	·							

INTERNATIONAL SEARCH REPORT

Information on patent family members

international Application No CT/IB 03/05601

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6285996	B1	04-09-2001	US US US US	6192358 B1 6278994 B1 6253196 B1 6219662 B1 6266663 B1	20-02-2001 21-08-2001 26-06-2001 17-04-2001 24-07-2001
US 5133067	Α	21-07-1992	JP	62083787 A	17-04-1987
WO 9534039	Α	14-12-1995	WO	9534039 A1	14-12-1995
WO 9939466	Α	05-08-1999	AU WO	2487099 A 9939466 A1	16-08-1999 05-08-1999
US 2001032205	A1	18-10-2001	NONE		
US 5367677	Α	22-11-1994	NONE		